

washers. Chlorine or quaternary sanitizing rinse water may be used as part of the replacement water, provided, they are compatible with the washing compound. Iodine sanitizing rinse water may not be used as part of the replacement water.

(7) Only potable water may be used to wash eggs. Each official plant shall submit certification to the national office stating that their water supply is potable. An analysis of the iron content of the water supply, stated in parts per million, is also required. When the iron content exceeds 2 parts per million, equipment shall be provided to reduce the iron content below the maximum allowed level. Frequency of testing for potability and iron content shall be determined by the Administrator. When the water source is changed, new tests are required.

(8) Waste water from the egg washing operation shall be piped directly to drains.

(9) The washing, rinsing, and drying operations shall be continuous and shall be completed as rapidly as possible to maximize conservation of the egg's quality and to prevent sweating of eggs. Eggs shall not be allowed to stand or soak in water. Immersion-type washers shall not be used.

(10) Prewetting shell eggs prior to washing may be accomplished by spraying a continuous flow of water over the eggs in a manner which permits the water to drain away or other methods which may be approved by the Administrator. The temperature of the water shall be the same as prescribed in this section.

(11) Washed eggs shall be spray-rinsed with water having a temperature equal to, or warmer than, the temperature of the wash water. The spray-rinse water shall contain a sanitizer that has been determined acceptable for the intended use by the national supervisor and of not less than 100 p/m nor more than 200 p/m of available chlorine or its equivalent. Alternate procedures, in lieu of a sanitizer rinse, may be approved by the national supervisor.

(12) Test kits shall be provided and used to determine the strength of the sanitizing solution.

(13) During non-processing periods, eggs shall be removed from the wash-

ing and rinsing area of the egg washer and from the scanning area whenever there is a buildup of heat that may diminish the quality of the egg.

(14) Washed eggs shall be reasonably dry before packaging and packing.

(15) Steam, vapors, or odors originating from the washing and rinsing operation shall be continuously and directly exhausted to the outside of the building.

(g) *Requirements for eggs officially identified with a grademark.* (1) Shell eggs that are officially identified with a grademark shall be placed under refrigeration at an ambient temperature no greater than 45 °F (7.2 °C) promptly after packaging.

(2) Eggs that are to be officially identified with the grademark shall be packed only in new or good used packing material and new packaging materials that are clean, free of mold, mustiness and off odors, and must be of sufficient strength and durability to adequately protect the eggs during normal distribution. When packed in other than fiber packing material, the containers must be of sound construction and maintained in a reasonably clean manner.

(h) *Use of approved chemicals and compounds.* (1) All egg washing and equipment cleaning compounds, defoamers, destainers, sanitizers, inks, oils, lubricants, or any other compound that comes into contact with the shell eggs shall be approved by the national supervisor for their specified use and handled in accordance with the manufacturer's instructions.

(2) All pesticides, insecticides, and rodenticides shall be approved for their specified use and handled in accordance with the manufacturer's instructions.

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#### § 56.77 Health and hygiene of personnel.

(a) No person known to be affected by a communicable or infectious disease shall be permitted to come in contact with the product.

(b) Plant personnel coming into contact with the product shall wear clean clothing.

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